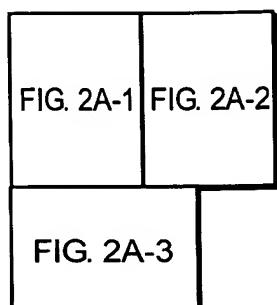
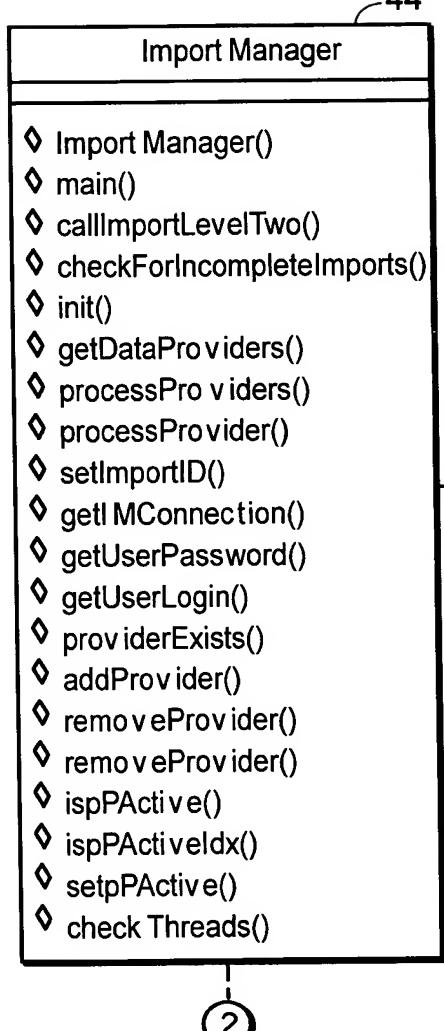
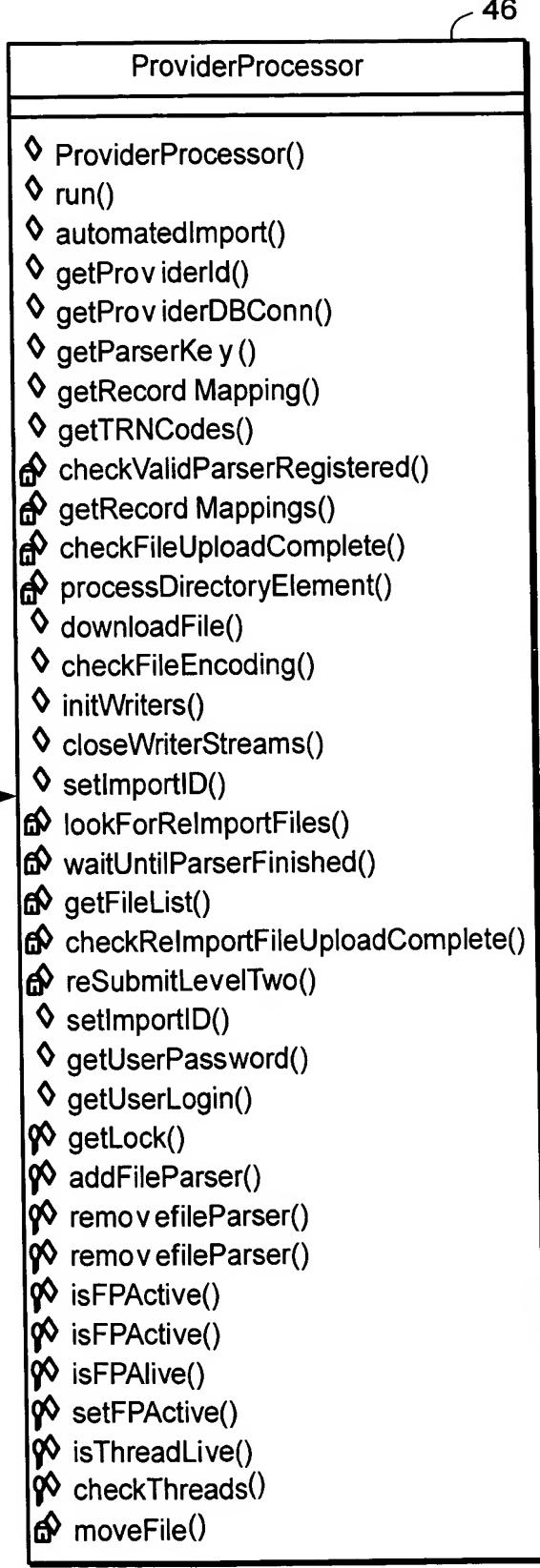


FIG. 1

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**FIG. 2A****FIG. 2A-1**

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FileParser

- ◊ getInstance()
- ◊ validate()
- ◊ run()
- ◊ outputCounters()
- ◊ parseFile()
- ◊ getNewImportTransaction()
- ◊ getStmt()
- ◊ CleanUp()
- ◊ cleanStatement()
- ◊ getProvider()
- ◊ setFileForParsing()
- ◊ getFileForParsing()
- ◊ getFileName()
- ◊ parseRecord()
- ◊ checkValidFile(File aFile, boolean createIfDoesNotExist)()
- ◊ checkValidFile(File aFile)()
- ◊ setupFileReader()
- ◊ updateStatus()
- ◊ readRecord()
- ◊ writeToOutput()
- ◊ closeWriterStreams()
- ◊ isNewTransaction()
- ◊ findCompany By ExternalCompanyID()
- ◊ createCompany ()
- ◊ isCompany Live()
- ◊ getOutputFilesUsedIndicator()
- ◊ initWriters()
- ◊ archiveFile()
- ◊ transform()
- ◊ getSplitValues()
- ◊ merge()
- ◊ getCompanyId()
- ◊ getMappedCompanyId()
- ◊ getCompany()
- ◊ array Print()
- ◊ setProvider()
- ◊ getLock()

①

③

④

FIG. 2A-2

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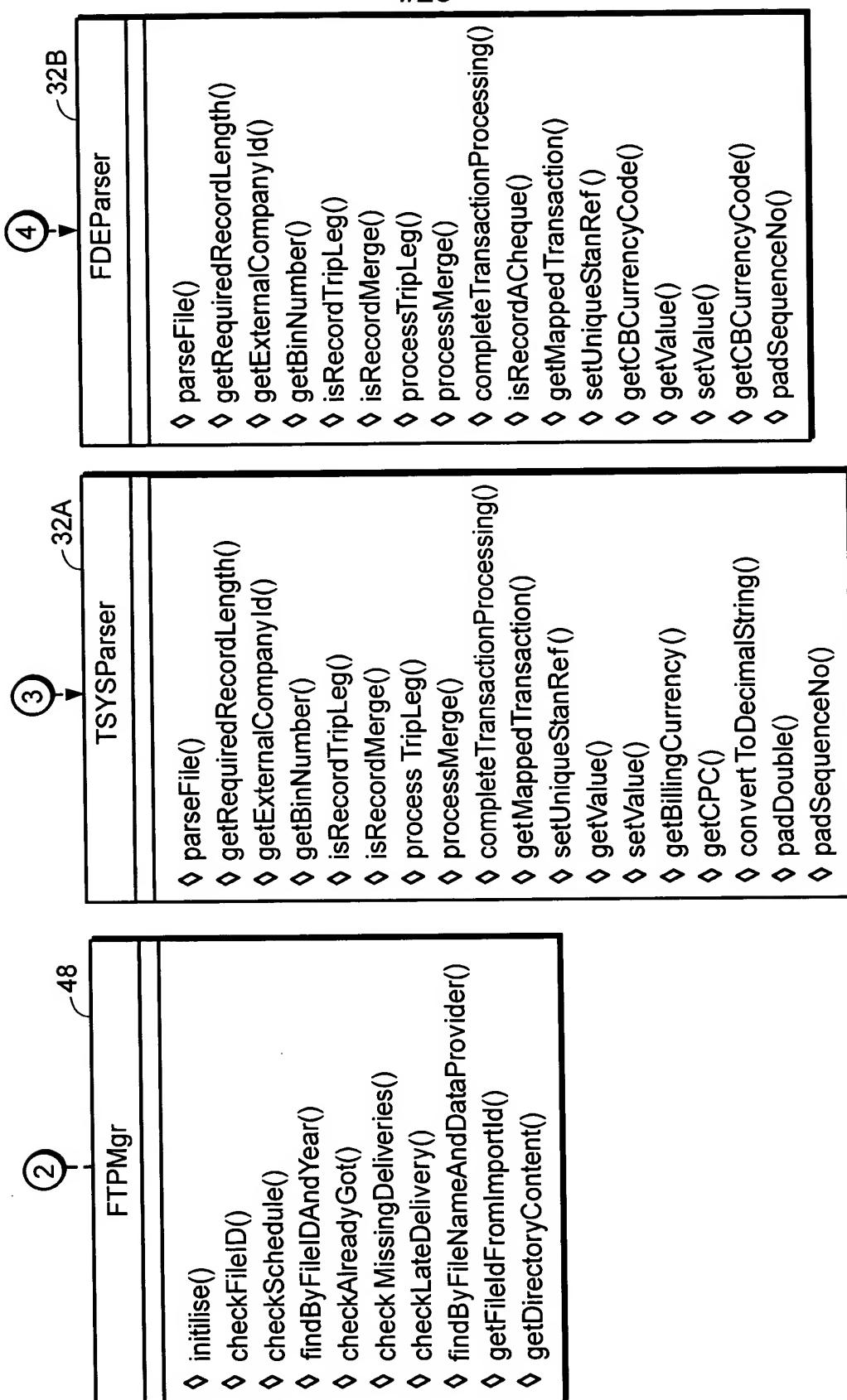


FIG. 2A-3

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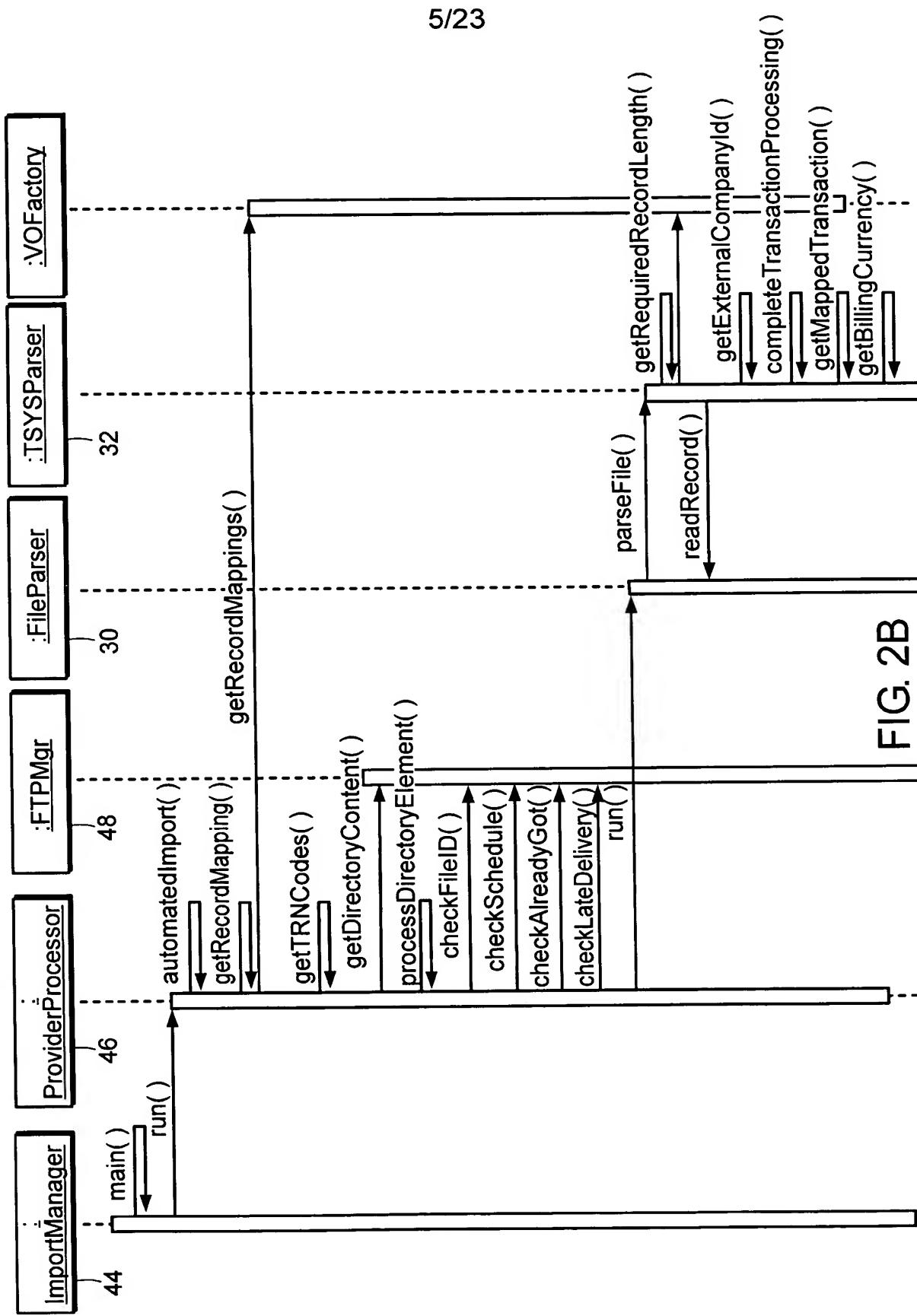


FIG. 2B

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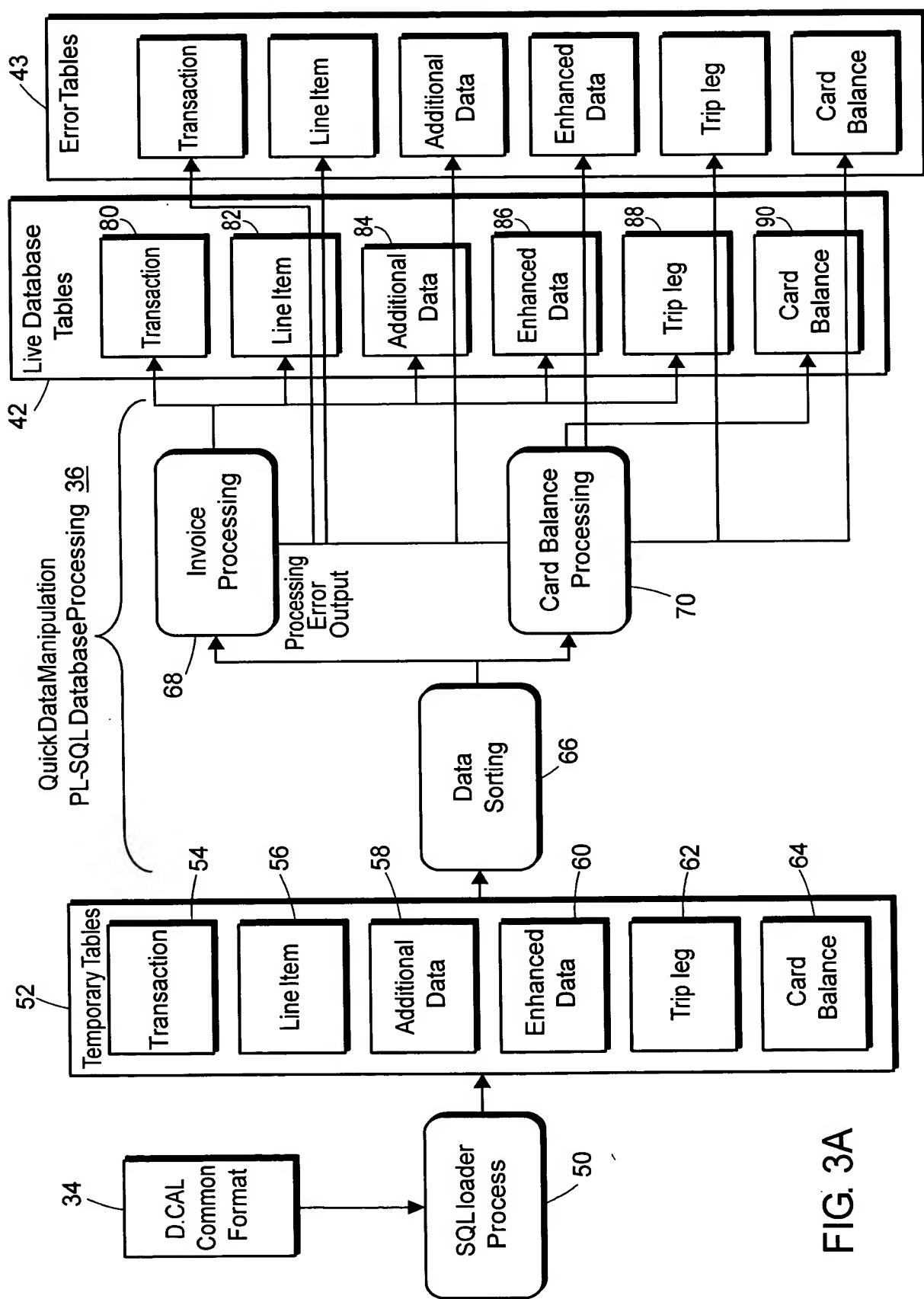


FIG. 3A

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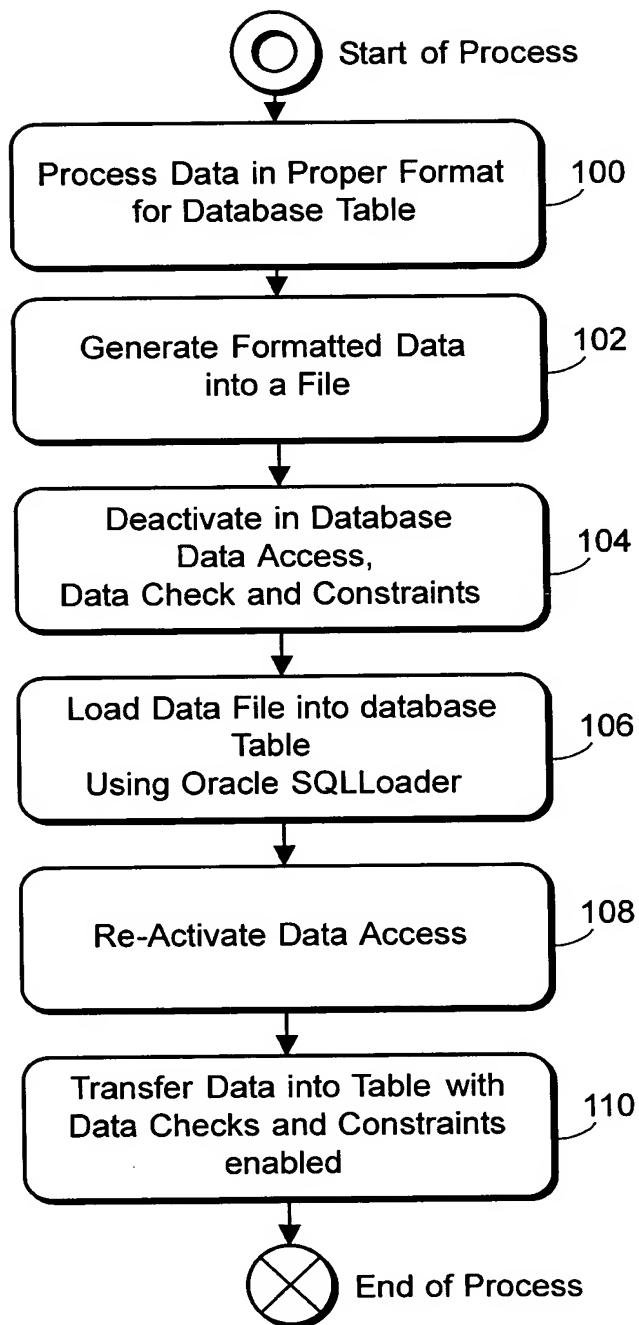
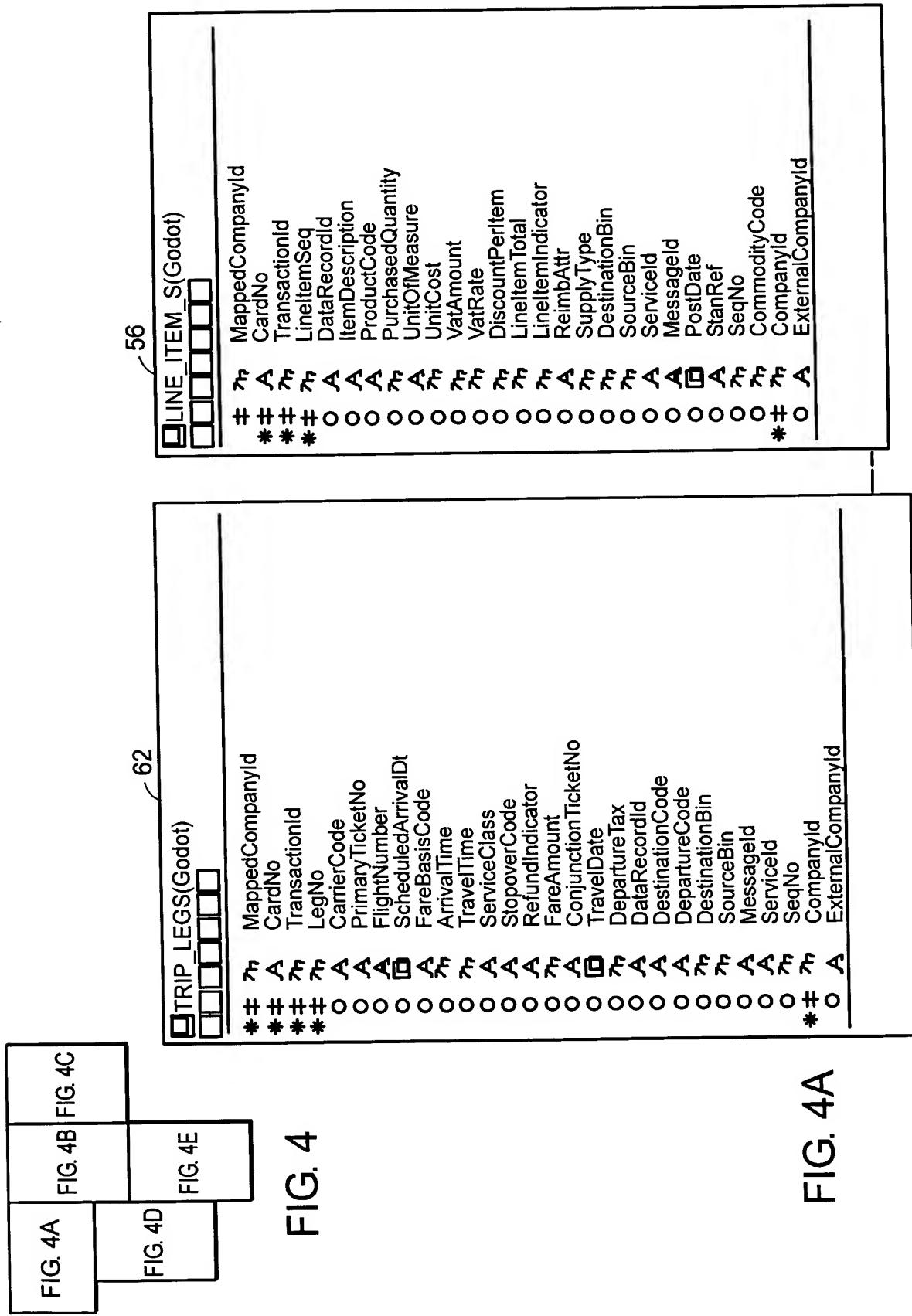


FIG. 3B

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 CARD_BALANCE_S(Godot)

#	rn	MappedCompanyId
*#	A	CardNo
O	A	DataRecordId
O	A	SystemNo
O	A	PrinNo
O	A	AgentNo
O	A	CompanyAccNo
O	A	CycleCode
O	rn	NoOfAccounts
O	rn	CreditLimit
O	rn	Payments
O	rn	PastDueAmount
O	rn	PastDueCount
O	rn	ChargeOffAmt
O	rn	NoOfPastDueAccs
O	rn	NoOfCards
O	rn	OpeningBalance
O	rn	PaymentDueDate
O	rn	CurrentBalance
O	rn	DisputedAmount
O	rn	ClosingDate
O	rn	CurrentDueAmount
O	rn	BillingCurrencyCode
O	rn	BinNo
O	A	BitmapFlags
O	rn	PastDueAmt30
O	rn	PastDueAmt60
O	rn	PastDueAmt90
O	rn	PastDueAmt120
O	rn	PastDueAmt150
O	rn	PastDueAmt180
O	rn	PastDueAmt181Plus
O	rn	Interest
O	rn	TcatOverlimitCharge
O	rn	TcatLateCharge
O	rn	ImportCycleDate
O	rn	NoOfTransactions
O	rn	CreditAmount
O	rn	DebitAmount
O	rn	LatestPaymentAmt
O	rn	LatestPaymentDate
O	rn	FinanceCharges
*#	rn	CompanyId
O	A	ExternalCompanyId

FIG. 4B

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TRANSACTION_S(Godot)

*	≠	mapped	MappedCompanyId
*	≠	A	CardNo
O	≠	A	TransactionId
O	≠	A	TrnCode
O	≠	A A	MappedTrnCode
O	≠	A	TrnAmt
O	≠	A	TrnDate
O	≠	A	PostDate
O	≠	A	StatementDate
O	≠	A	AuthorisationNo
O	≠	A	McclId
O	≠	A	MerchantAccNo
O	≠	A	MerchantName
O	≠	A	MerchantLocation
O	≠	A	MerchantStateCode
O	≠	A	MerchantPostalCode
O	≠	A	MerchantCountry
O	≠	A	MappedMerchantCountry
O	≠	A	StanRef
O	≠	A	OrgCurrencyCode
O	≠	A	MappedOrgCurrCode
O	≠	A	TrnOrgAmt
O	≠	A	BitmapFlag
O	≠	A	QuotedString
O	≠	A	VatAmount
O	≠	A	TotalFeeAmt
O	≠	A	DisputeAmt
O	≠	A	DisputeCode
O	≠	A A	DataRecordId
O	≠	A A	TopLevelHierarchy
O	≠	A A	SystemNo
O	≠	A A	PrinNo
O	≠	A A	AgentNo
O	≠	A A	AccountNo
O	≠	A A	MerchantSystem
O	≠	A A	MerchantPrin
O	≠	A A	MerchantAgent
O	≠	A A	MerchantBinLca
O	≠	A A	CardAcceptorId
O	≠	A	SeqNo
O	≠	A	PeriodNo
O	≠	A	BillingCurrCode
O	≠	A	ContractNo
O	≠	A	ReservedZone
O	≠	A	CarrierLength
O	≠	A	SubOperationCode
O	≠	A A	MerchantDeptCode
O	≠	A A	NoOfDecimals
O	≠	A A	TrnCategory
O	≠	A A	CompanyId
O	≠	A A	ExternalCompanyId
O	≠	A A	BillingAccountNo

FIG. 4C

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ENHANCED_DATA_S(Godot)	
# ↗	MappedCompanyId
*# A	CardNo
*# ↗	TransactionId
○ A	TrnCode
○ A	MappedTrnCode
○ A	DocumentNo
○ A	InvoiceLineNo
○ ↗	TrnCurrency
○ A	TrnAmount
○ ↗	Name
○ A	ProductInformation
○ A	TicketNo
○ A	RefundNumber
○ A	AirportTax
○ ↗	NationalTaxAmount
○ ↗	Routing
○ A	FinalDestination
○ A	BitmapFlags
○ A	PrimaryCarrier
○ A	TransactionDate
○ A	InOutDate
○ A	BookedDate
○ A	PostDate
○ A	ClientReference1
○ A	ClientReference2
○ A	ClientReference3
○ A	ClientReference4
○ A	ClientReference5
○ A	ClientReference6
○ A	ClientReference7
○ A	ClientReference8
○ A	ClientReference9
○ A	ClientReference10
○ A	TicketFareCurrency
○ ↗	TicketFareAmt
○ ↗	TotalFeeAmt
○ A	ExchangeTicketAmt
○ A	TravelAgentCode
○ A	IataNumber
○ A	StanRef
○ A	ExtraCharges
○ A	CarClass
○ A	LocationOfRental
○ A	DataRecordId
○ A	BatchCreationDate
○ A	CompanyAccNo
○ A	ExpireDate
○ A	ProductCode
○ ↗	PnrReferenceNo
○ A	ConsultantCode
○ A	ActualMerchant
○ A	CrDrInd
○ A	ExchangeTicketNo2
○ A	ExchangeTicketNo
○ A	ClientNo
○ A	OriginalTicketNo
○ A	OriginalTerminal
○ A	TravelAgentName
○ A	PostDate
○ ↗	SeqNo
○ ↗	DestinationBin
○ ↗	SourceBin

FIG. 4D

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 ADDITIONAL DATA_S(Godot)

*	†	‡	MappedCompanyId
*	†	‡	CardNo
*	†	‡	TransactionId
O	†	‡	DataRecordId
O	†	‡	NationalTaxAmount
O	†	‡	LocalTaxAmount
O	†	‡	OtherTax
O	†	‡	MerchantOrderNo
O	†	‡	MerchantVatNo
O	†	‡	CustomerVatNo
O	†	‡	TaxImplementation
O	†	‡	CustomerReference
O	†	‡	MessageId
O	†	‡	DiscountAmount
O	†	‡	FreightShipmentAmount
O	†	‡	DutyAmount
O	†	‡	DestinationPostalCode
O	†	‡	ShipFromCode
O	†	‡	OrderDate
O	†	‡	VatOnFreight
O	†	‡	VatRateOnFreight
O	†	‡	CountryCode
O	†	‡	MappedDestinationCountry
O	†	‡	DestinationBin
O	†	‡	SourceBin
O	†	‡	ServiceId
O	†	‡	ItemSeqNo
O	†	‡	ReimbAttr
O	†	‡	StanRef
O	†	‡	TrnOrgAmt
O	†	‡	MerchantPostalCode
O	†	‡	MerchantName
*	†	‡	CompanyId
O	†	‡	ExternalCompanyId

FIG. 4E

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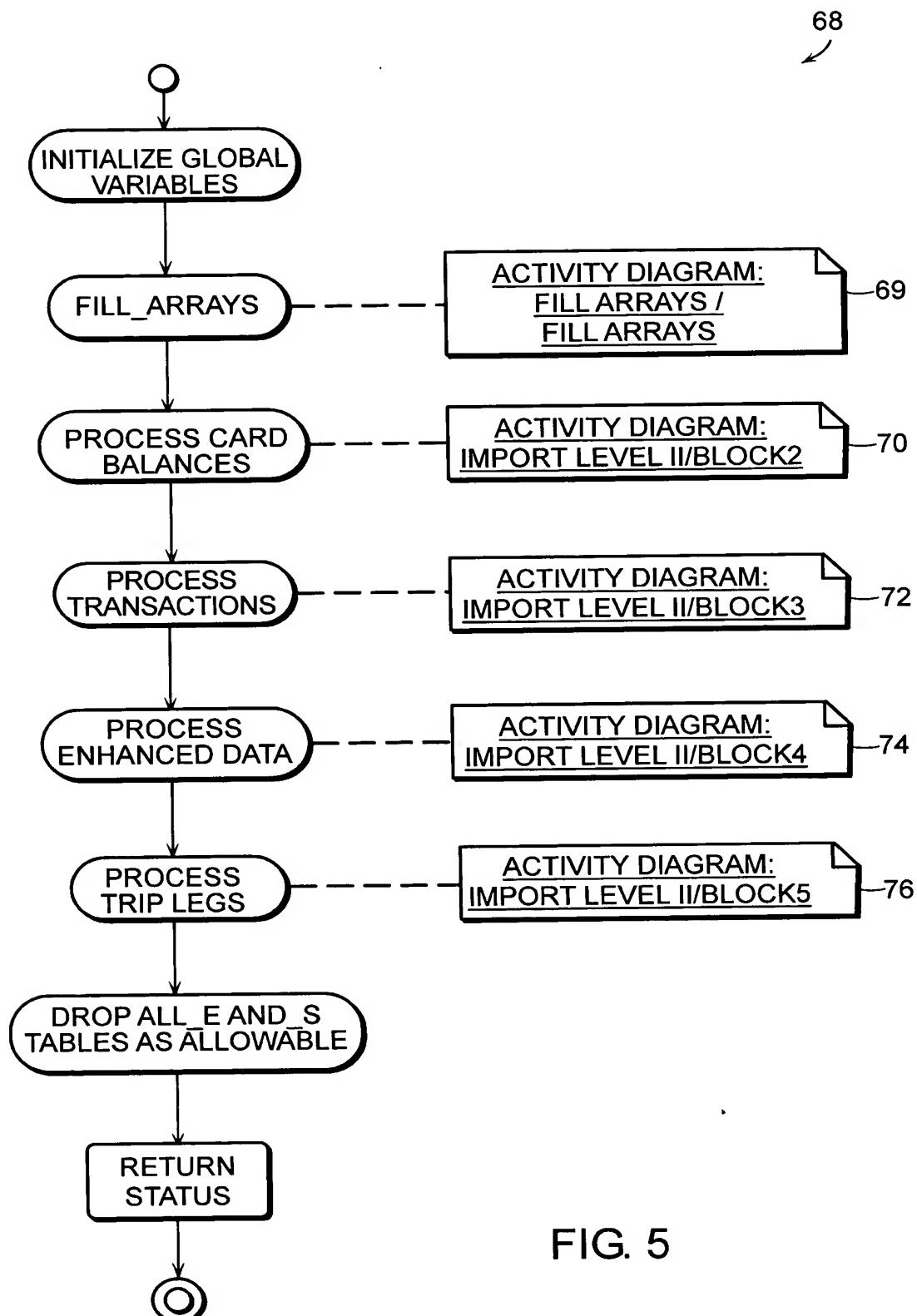
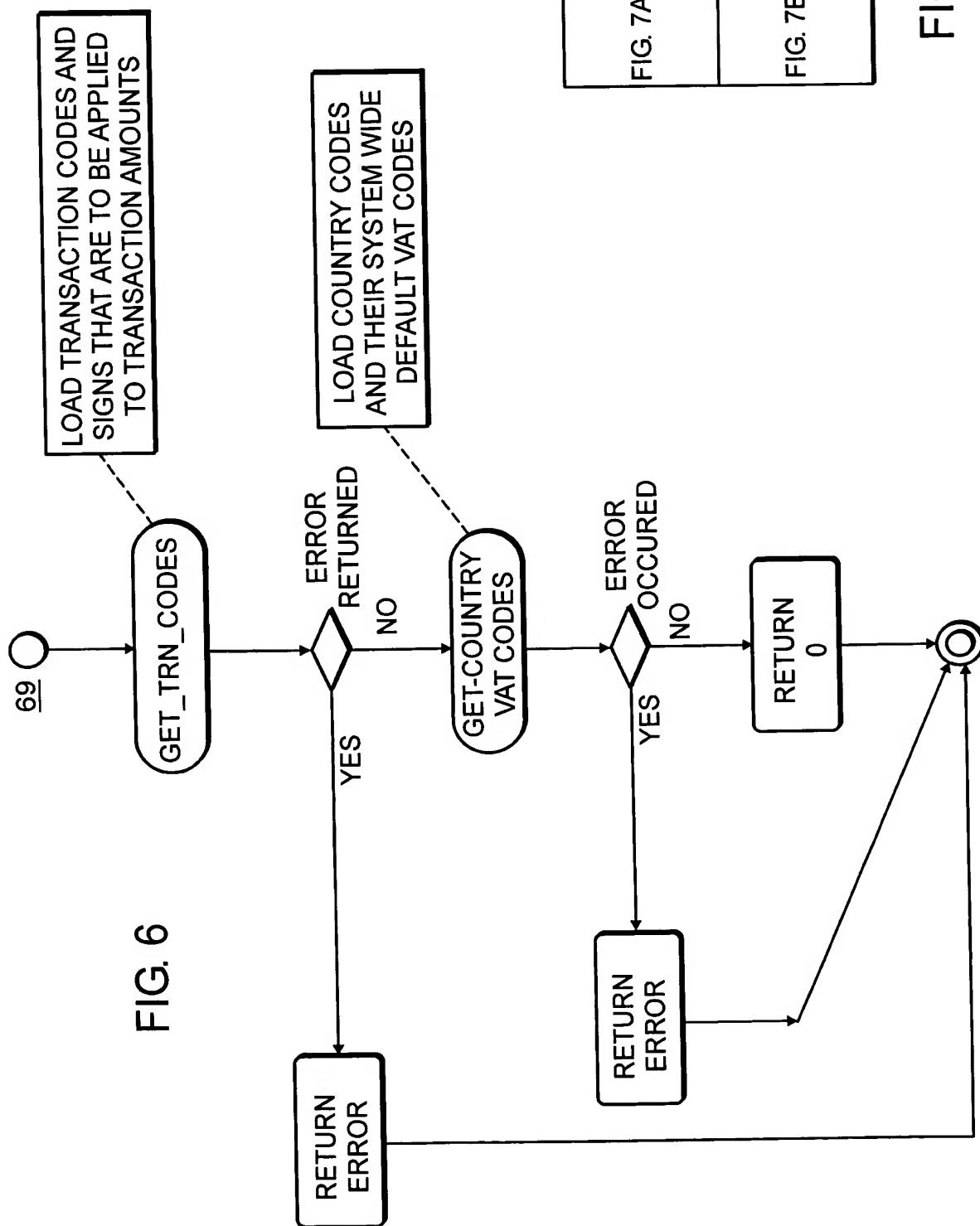


FIG. 5

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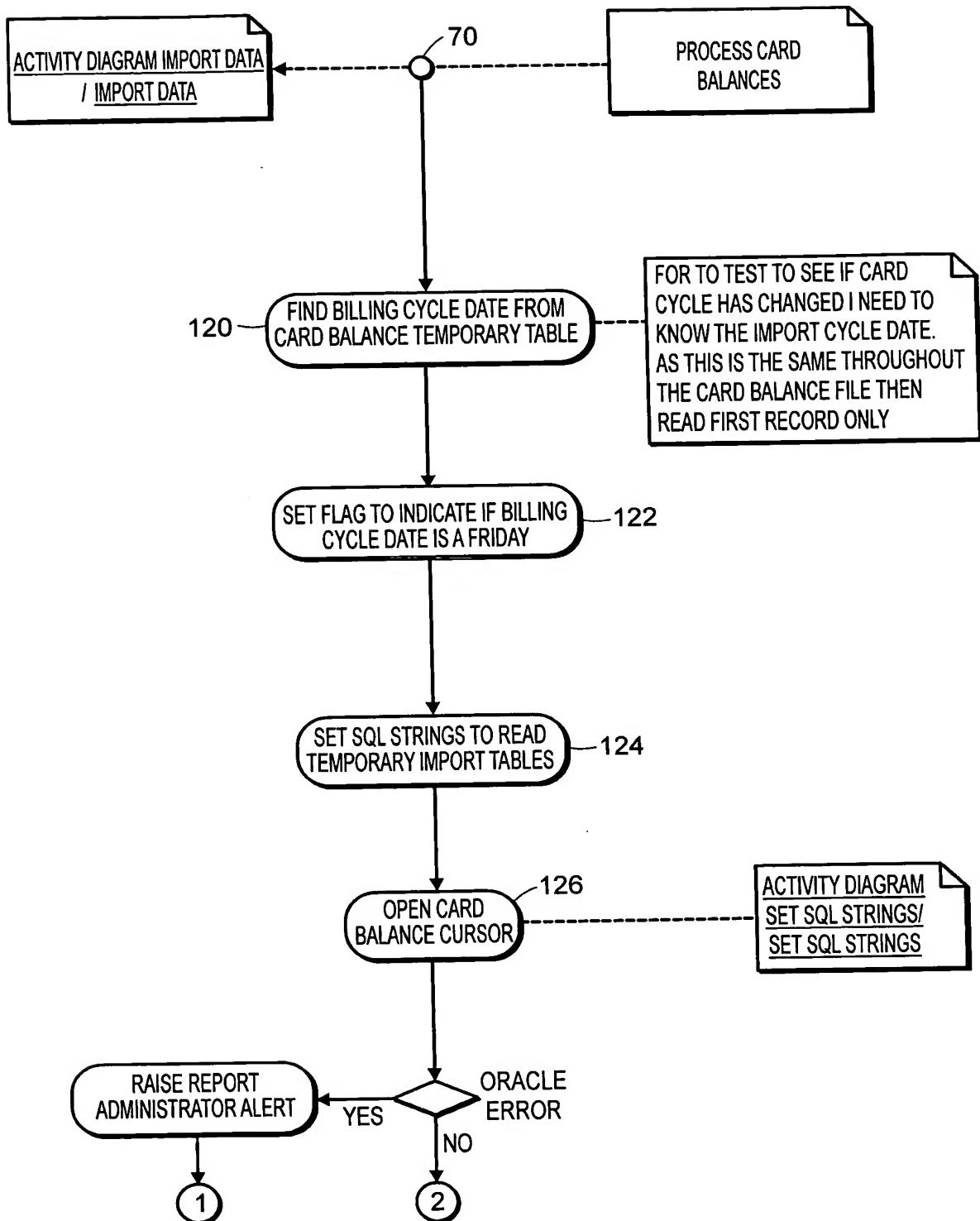


FIG. 7A

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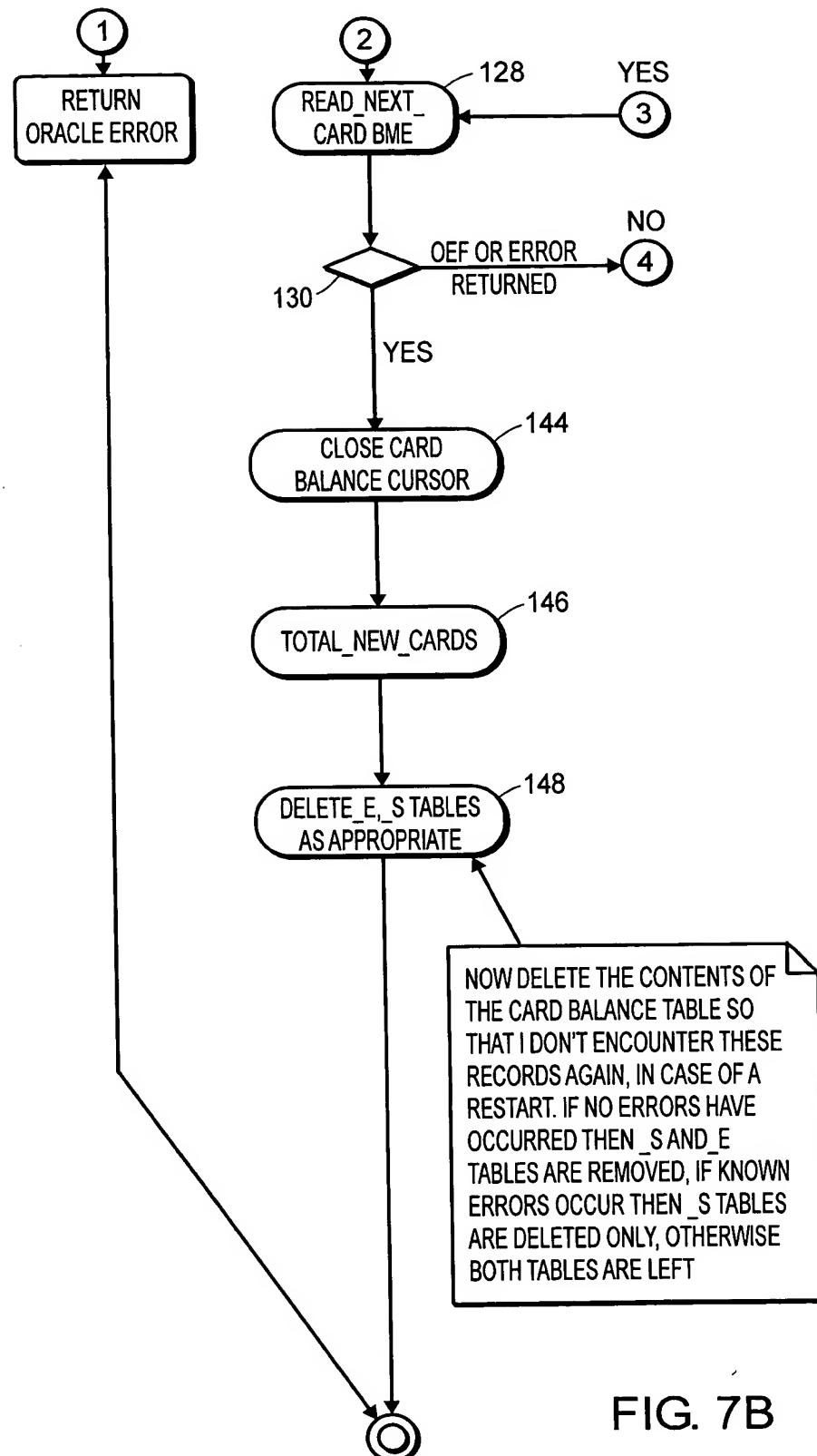


FIG. 7B

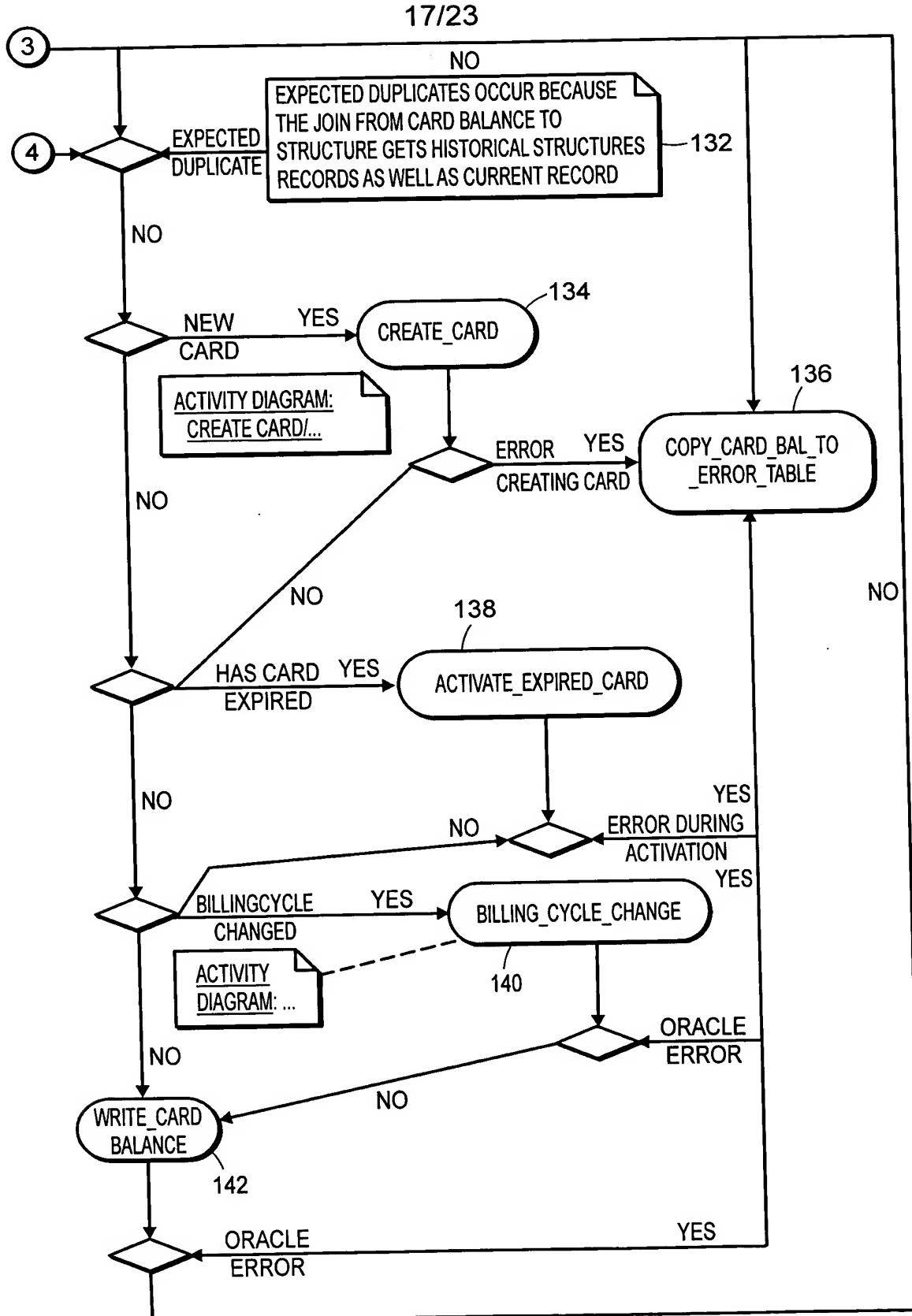


FIG. 7C

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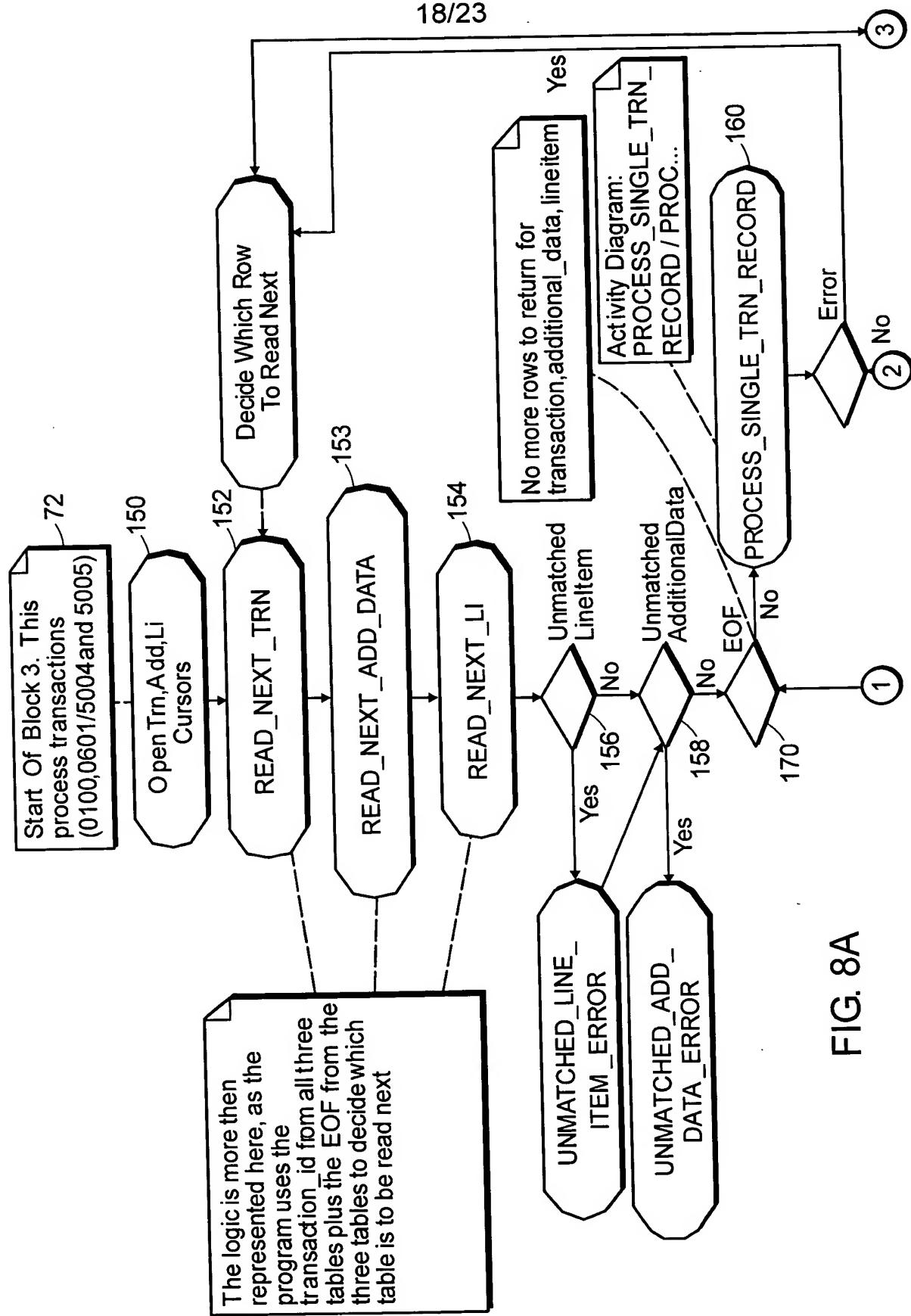
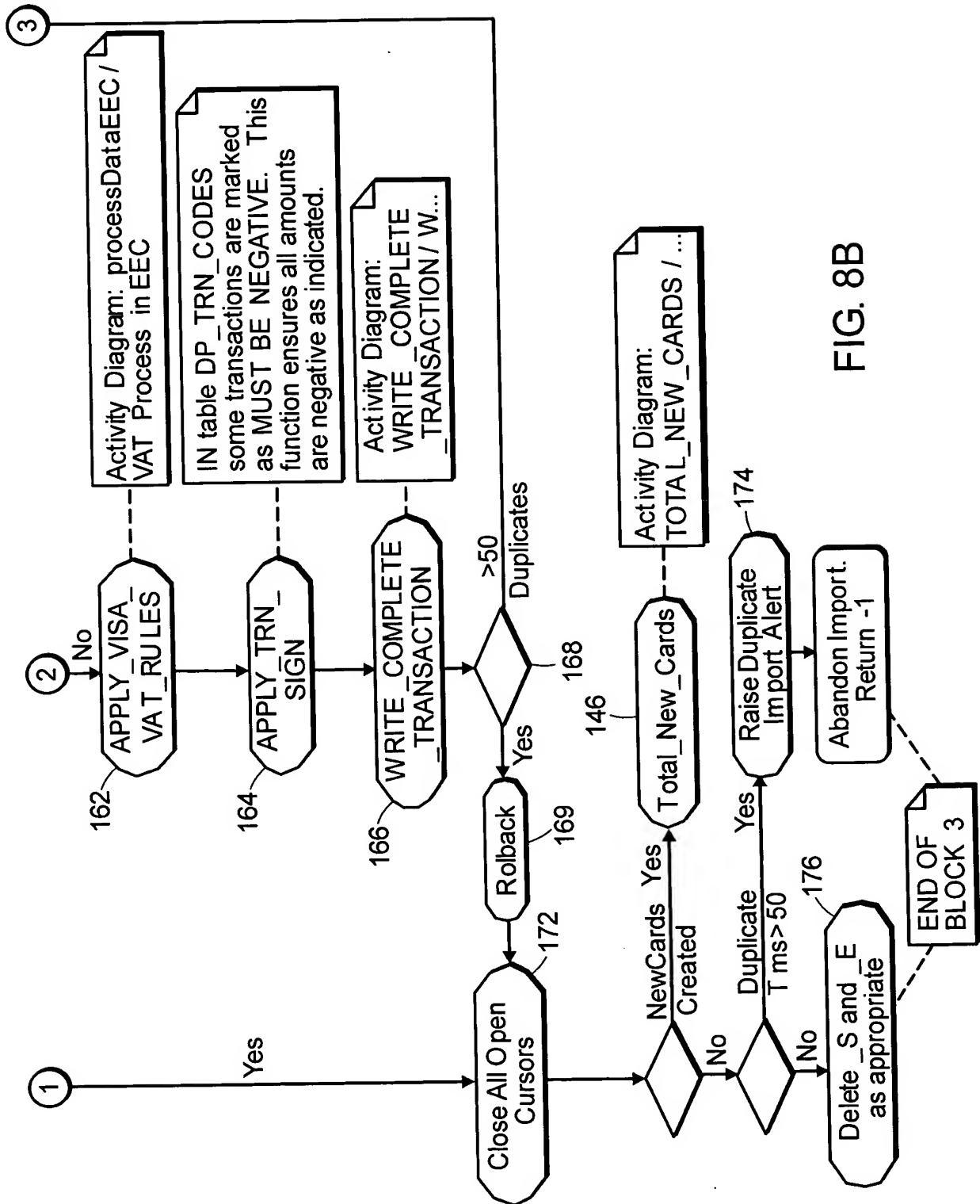


FIG. 8A



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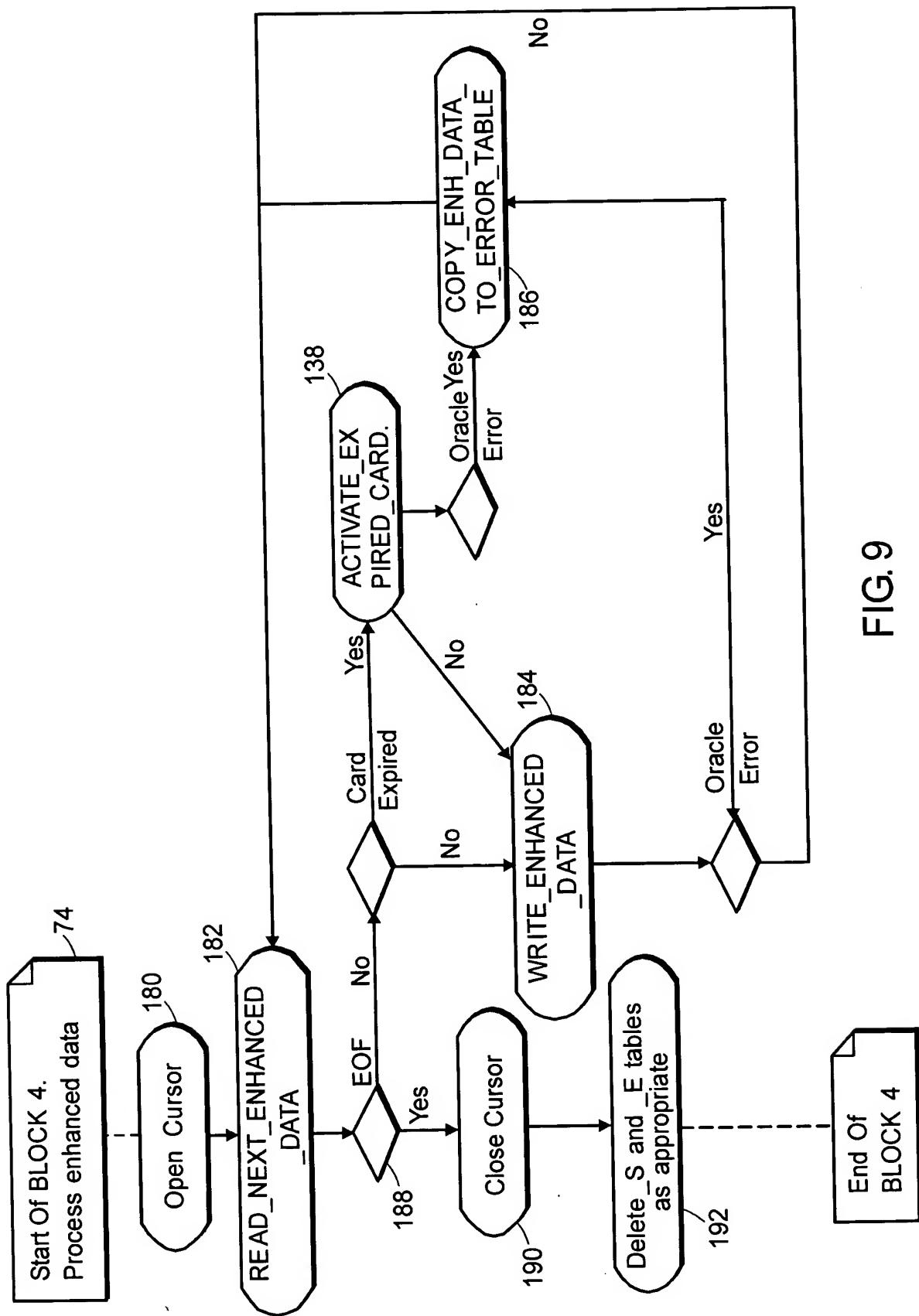
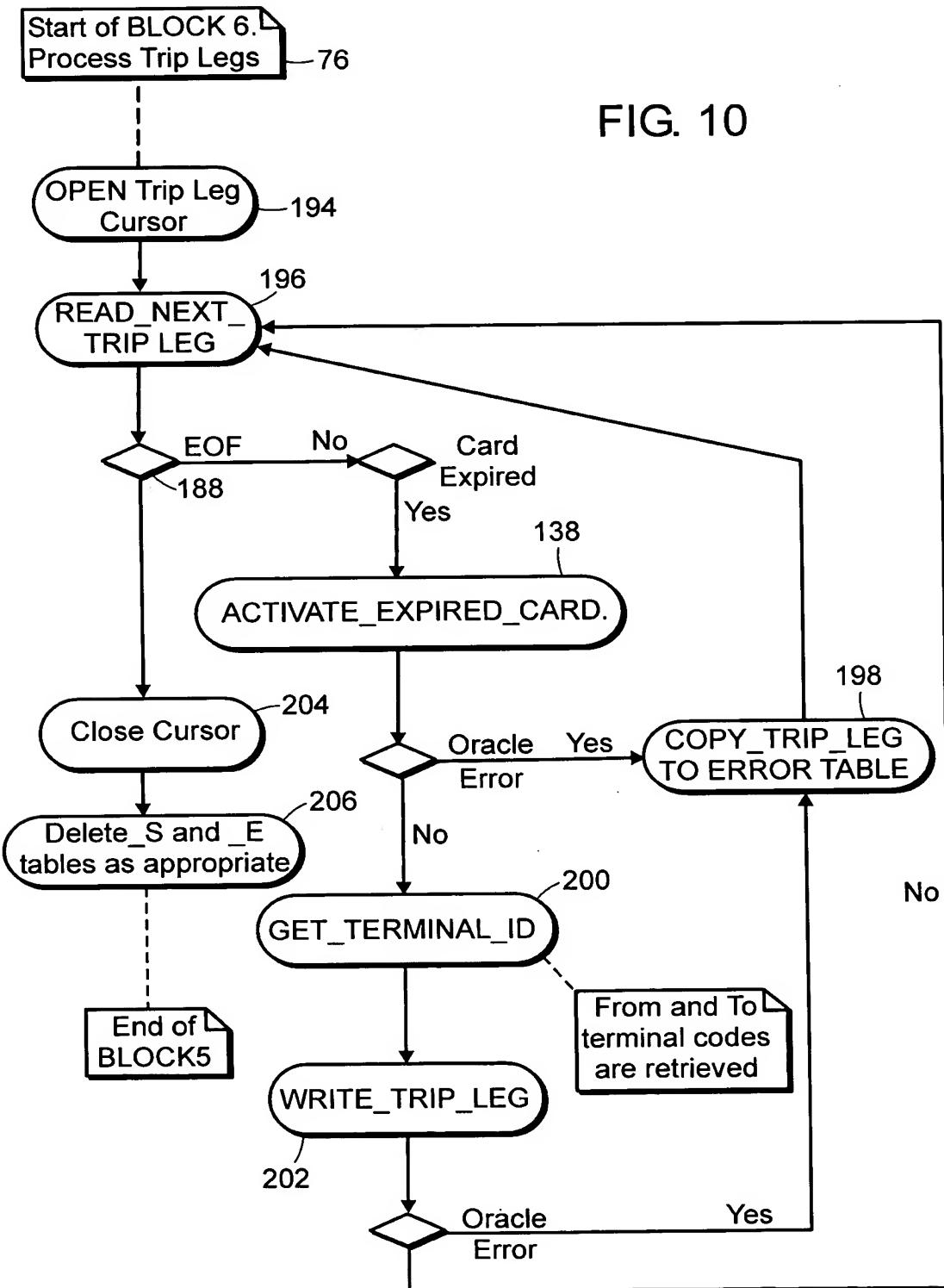
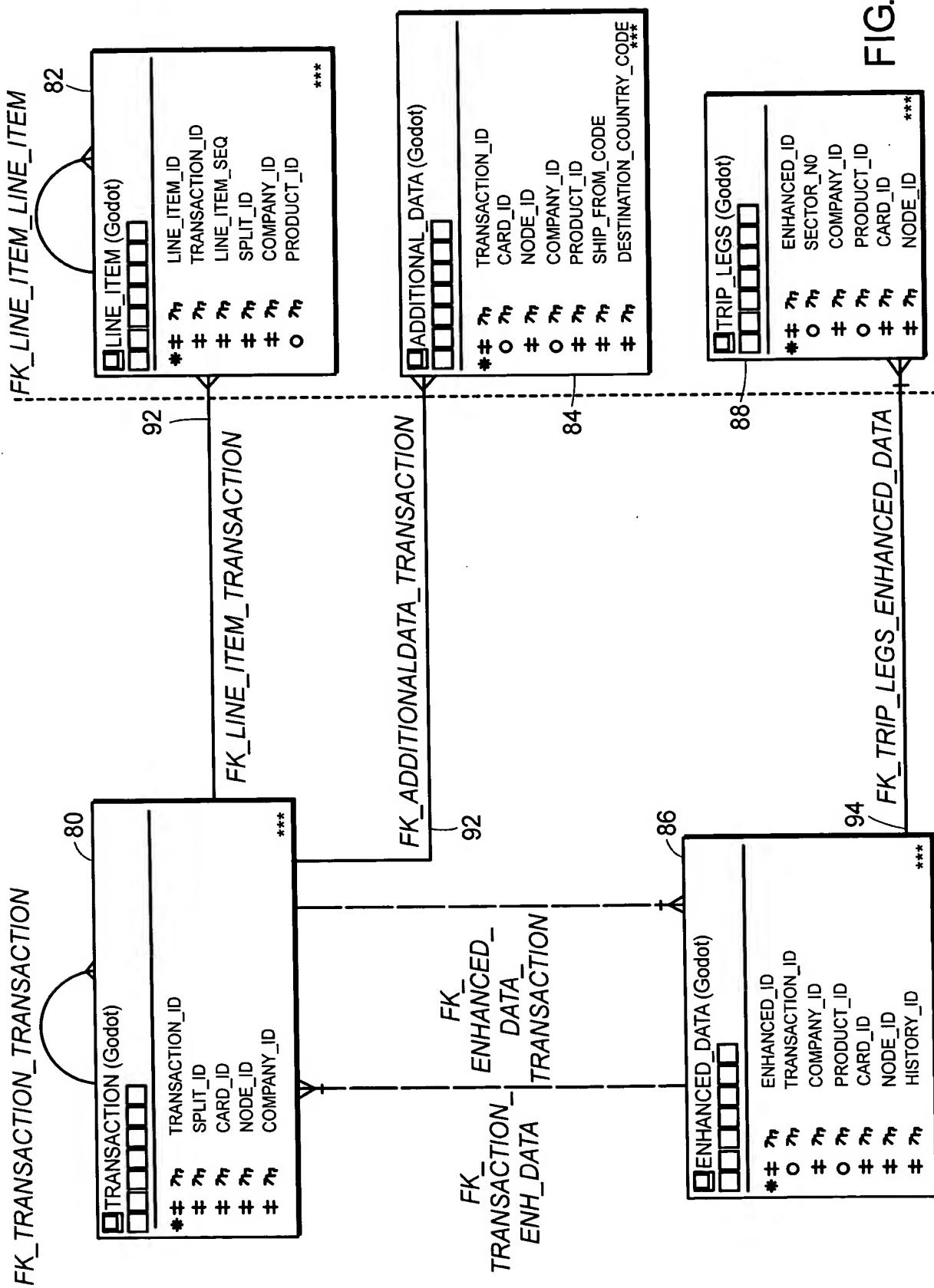


FIG. 9

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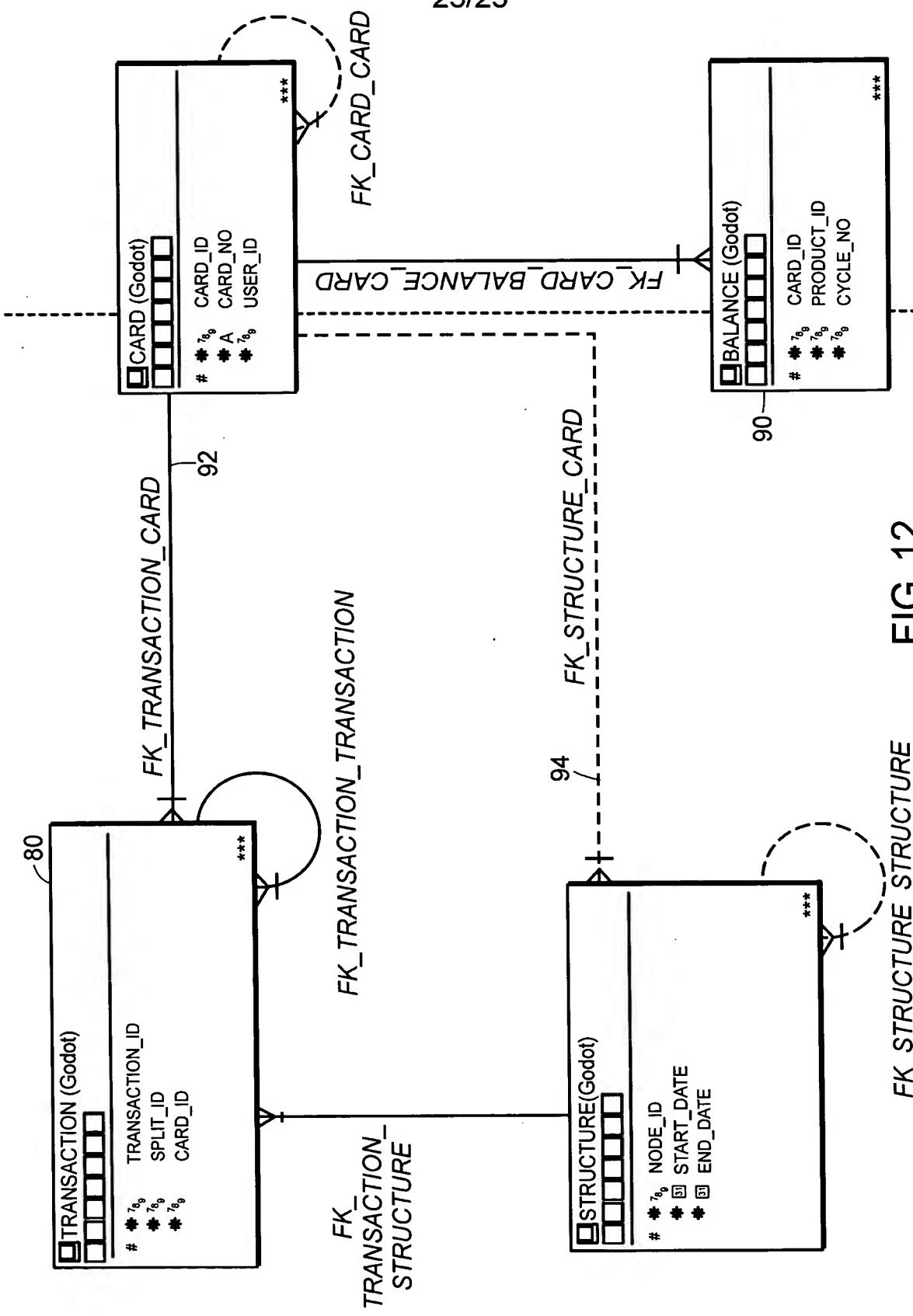


FIG. 12

FIG. 12